



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/6/3,413
Source: OLPE
Date Processed by STIC: 8/5/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/613,413

DATE: 08/05/2003

TIME: 13:47:56

Input Set : A:\1037C5SEQLIST.TXT

Output Set: N:\CRF4\08052003\J613413.raw

4 <110> APPLICANT: Sleeman, Matthew
 5 Murison, Greg
 7 <120> TITLE OF INVENTION: Fibroblast Growth Factor Receptors and Methods for Their Use
 9 <130> FILE REFERENCE: 11000.1037c5
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/613,413
 C--> 11 <141> CURRENT FILING DATE: 2003-07-03
 11 <150> PRIOR APPLICATION NUMBER: U.S. 09/823,038
 12 <151> PRIOR FILING DATE: 2001-03-28
 14 <150> PRIOR APPLICATION NUMBER: U.S. 09/383,586
 15 <151> PRIOR FILING DATE: 1999-08-26
 17 <150> PRIOR APPLICATION NUMBER: U.S. 09/276,268
 18 <151> PRIOR FILING DATE: 1999-03-25
 20 <150> PRIOR APPLICATION NUMBER: PCT/NZ00/00014
 21 <151> PRIOR FILING DATE: 2000-02-18
 23 <150> PRIOR APPLICATION NUMBER: U.S. 60/221,216
 24 <151> PRIOR FILING DATE: 2000-07-25
 E--> 26 <160> NUMBER OF SEQ ID NOS: 143 145 (p.2)
 28 <170> SOFTWARE: FastSEQ for Windows Version 4.0

Does Not Comply
 Corrected Diskette Needed

pg 1-2

ERRORED SEQUENCES

499 <210> SEQ ID NO: 15
 500 <211> LENGTH: 37
 501 <212> TYPE: PRT
 502 <213> ORGANISM: Mouse
 504 <400> SEQUENCE: 15
 506 Arg Val Glu Tyr Gly Ser Glu Gly Arg His Asn Ser Thr Ile Asp Val
 507 1 5 10 15
 508 Gly Gly Gln Lys Phe Val Val Leu Pro Thr Gly Asp Val Trp Ser Arg
 509 20 25 30
 510 Pro Asp Gly Ser Tyr
 E--> 511 35
 4531 <210> SEQ ID NO: 144
 4532 <211> LENGTH: 1389
 4533 <212> TYPE: DNA
 4534 <213> ORGANISM: Mouse
 E--> 4536 <400> SEQUENCE: 1 144 ← change to
 4537 atgacgcgga gcccgcgct gctgctgctg ctattggggg ccctcccgtc ggctgagggc 60
 4538 gcgcgaggac cccaagaat ggcagacaaa gtgggtccac ggcaggtggc ccgcctgggc 120
 4539 cgcactgtgc ggctacagtg ccagtgagg ggggaccac caccgttgac catgtggacc 180
 4540 aaagatggcc gcacaatcca cagtggctgg agccgcttcc gtgtgctgcc ccagggctctg 240
 4541 aaggtgaagg aggtggaggc cgaggatgcc ggtgtttatg tgtgcaaggc caccaatggc 300

Delete
 4

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/613,413

DATE: 08/05/2003

TIME: 13:47:56

Input Set : A:\1037C5SEQLIST.TXT

Output Set: N:\CRF4\08052003\J613413.raw

```

4542 tttggcagcc tcagcgtcaa ctacactctc atcatgtgga tgaaggatga ccagaccttg 360
4543 acgcatctag aggctagtga acacagaaag aagaagtgga cactgagctt gaagaacctg 420
4544 aagcctgaag acagtggcaa gtacacgtgc cgtgtatcta acaaggccgg tgccatcaac 480
4545 gccacctaca aagtggatgt aatccagcgg actcgttcca agcctgtgct cacagggaca 540
4546 caccctgtga acacaacggc ggacttcggt gggacaacgt ccttccagtg caagggtgcgc 600
4547 agtgacgtga agcctgtgat ccagtggctg aagcgggtgg agtacggctc cgagggacgc 660
4548 cacaactcca ccattgatgt ggggtggccag aagtttgtgg tgttgcccac ggggtgatgtg 720
4549 tggtcacggc ctgatggctc ctacctcaac aagctgctca tctctcgggc ccgccaggat 780
4550 gatgctggca tgtacacctg cctaggtgca aataccatgg gctacagttt ccgtagcgcc 840
4551 ttcctcactg tattaccaga ccccaaacct ccagggcctc ctatggcttc ttcatcgtca 900
4552 tccacaagcc tgccatggcc tgtggtgatc ggcaccccag ctggtgctgt cttcatccta 960
4553 ggcactgtgc tgctctggct ttgccagacc aagaagaagc catgtgcccc agcatctaca 1020
4554 cttcctgtgc ctgggcatcg tccccaggga acatcccag aacgcagtgg tgacaaggac 1080
4555 ctgccctcat tggctgtggg catatgtgag gagcatggat ccgccatggc cccccagcac 1140
4556 atcctggcct ctggctcaac tgctggcccc aagctgtacc ccaagctata cacagatgtg 1200
4557 cacacacaca cacatacaca cacctgcact cacacgtctc catgtggagg gcaaggttca 1260
4558 tcaacaccag catgtccact atcagtgcta aatacagcga atctccaagc actgtgtcct 1320
4559 gaggtaggca tatggggggc aaggcaacag gttgggagaa ttgagaacaa tggaggaaga 1380
4560 gtatcttag 1389

```

4562 <210> SEQ ID NO: 145

4563 <211> LENGTH: 462

4564 <212> TYPE: PRT

4565 <213> ORGANISM: Mouse

E--> 4567 <400> SEQUENCE: (2) 145 ←

```

4568 Met Thr Arg Ser Pro Ala Leu Leu Leu Leu Leu Gly Ala Leu Pro
4569 1 5 10 15
4570 Ser Ala Glu Ala Ala Arg Gly Pro Pro Arg Met Ala Asp Lys Val Val
4571 20 25 30
4572 Pro Arg Gln Val Ala Arg Leu Gly Arg Thr Val Arg Leu Gln Cys Pro
4573 35 40 45
4574 Val Glu Gly Asp Pro Pro Pro Leu Thr Met Trp Thr Lys Asp Gly Arg
4575 50 55 60
4576 Thr Ile His Ser Gly Trp Ser Arg Phe Arg Val Leu Pro Gln Gly Leu
4577 65 70 75 80
4578 Lys Val Lys Glu Val Glu Ala Glu Asp Ala Gly Val Tyr Val Cys Lys
4579 85 90 95
4580 Ala Thr Asn Gly Phe Gly Ser Leu Ser Val Asn Tyr Thr Leu Ile Met
4581 100 105 110
4582 Trp Met Lys Asp Asp Gln Thr Leu Thr His Leu Glu Ala Ser Glu His
4583 115 120 125
4584 Arg Lys Lys Lys Trp Thr Leu Ser Leu Lys Asn Leu Lys Pro Glu Asp
4585 130 135 140
4586 Ser Gly Lys Tyr Thr Cys Arg Val Ser Asn Lys Ala Gly Ala Ile Asn
4587 145 150 155 160
4588 Ala Thr Tyr Lys Val Asp Val Ile Gln Arg Thr Arg Ser Lys Pro Val
4589 165 170 175
4590 Leu Thr Gly Thr His Pro Val Asn Thr Thr Val Asp Phe Gly Gly Thr
4591 180 185 190
4592 Thr Ser Phe Gln Cys Lys Val Arg Ser Asp Val Lys Pro Val Ile Gln

```

RAW SEQUENCE LISTING

DATE: 08/05/2003

PATENT APPLICATION: US/10/613,413

TIME: 13:47:56

Input Set : A:\1037C5SEQLIST.TXT

Output Set: N:\CRF4\08052003\J613413.raw

4593		195		200		205											
4594	Trp	Leu	Lys	Arg	Val	Glu	Tyr	Gly	Ser	Glu	Gly	Arg	His	Asn	Ser	Thr	
4595		210					215					220					
4596	Ile	Asp	Val	Gly	Gly	Gln	Lys	Phe	Val	Val	Leu	Pro	Thr	Gly	Asp	Val	
4597	225					230					235					240	
4598	Trp	Ser	Arg	Pro	Asp	Gly	Ser	Tyr	Leu	Asn	Lys	Leu	Leu	Ile	Ser	Arg	
4599					245					250						255	
4600	Ala	Arg	Gln	Asp	Asp	Ala	Gly	Met	Tyr	Ile	Cys	Leu	Gly	Ala	Asn	Thr	
4601				260				265						270			
4602	Met	Gly	Tyr	Ser	Phe	Arg	Ser	Ala	Phe	Leu	Thr	Val	Leu	Pro	Asp	Pro	
4603			275					280						285			
4604	Lys	Pro	Pro	Gly	Pro	Pro	Met	Ala	Ser	Ser	Ser	Ser	Ser	Thr	Ser	Leu	
4605		290					295					300					
4606	Pro	Trp	Pro	Val	Val	Ile	Gly	Ile	Pro	Ala	Gly	Ala	Val	Phe	Ile	Leu	
4607	305					310					315					320	
4608	Gly	Thr	Val	Leu	Leu	Trp	Leu	Cys	Gln	Thr	Lys	Lys	Lys	Pro	Cys	Ala	
4609					325					330						335	
4610	Pro	Ala	Ser	Thr	Leu	Pro	Val	Pro	Gly	His	Arg	Pro	Pro	Gly	Thr	Ser	
4611				340				345						350			
4612	Arg	Glu	Arg	Ser	Gly	Asp	Lys	Asp	Leu	Pro	Ser	Leu	Ala	Val	Gly	Ile	
4613			355					360					365				
4614	Cys	Glu	Glu	His	Gly	Ser	Ala	Met	Ala	Pro	Gln	His	Ile	Leu	Ala	Ser	
4615		370					375					380					
4616	Gly	Ser	Thr	Ala	Gly	Pro	Lys	Leu	Tyr	Pro	Lys	Leu	Tyr	Thr	Asp	Val	
4617	385					390					395					400	
4618	His	Thr	His	Thr	His	Thr	His	Thr	Cys	Thr	His	Thr	Leu	Ser	Cys	Gly	
4619					405					410						415	
4620	Gly	Gln	Gly	Ser	Ser	Thr	Pro	Ala	Cys	Pro	Leu	Ser	Val	Leu	Asn	Thr	
4621				420				425						430			
4622	Ala	Asn	Leu	Gln	Ala	Leu	Cys	Pro	Glu	Val	Gly	Ile	Trp	Gly	Pro	Arg	
4623			435					440					445				
4624	Gln	Gln	Val	Gly	Arg	Ile	Glu	Asn	Asn	Gly	Gly	Arg	Val	Ser			
4625		450					455					460					

VERIFICATION SUMMARY

DATE: 08/05/2003

PATENT APPLICATION: US/10/613,413

TIME: 13:47:57

Input Set : A:\1037C5SEQLIST.TXT

Output Set: N:\CRF4\08052003\J613413.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:47 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:360
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:112
L:511 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:15
L:4536 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:144 differs:1
L:4567 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:145 differs:2
L:26 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (143) Counted (145)